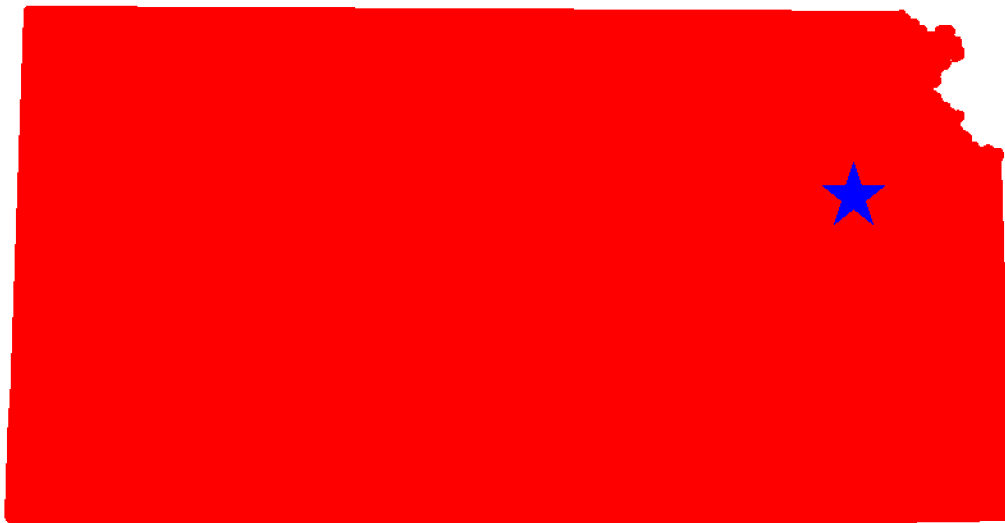




## Traffic Safety Facts Kansas 2003-2007



This Report Contains Data From the Following Sources:  
Fatality Data - NCSA Fatality Analysis Reporting System (FARS)  
FARS Data: 2003-2006 Final File and 2007 Annual Report File (ARF)  
Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the Kansas State Survey  
Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)  
Population Data - U.S. Bureau of the Census



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### Fatality Rates: Kansas , U.S. and Best State

Year		Fatalities	Total Vehicle Miles Traveled (Millions)	Fatalities Per 100 Million Vehicle Miles Traveled	Total Population	Fatalities Per 100,000 Population
2003	Kansas	469	28,672	1.64	2,721,824	17.23
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Kansas	459	29,150	1.57	2,730,828	16.81
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Kansas	428	29,621	1.44	2,741,665	15.61
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Kansas	468	30,215	1.55	2,755,817	16.98
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Kansas	416			2,775,997	14.99
	US	41,059	2,996,409	1.37	301,621,157	13.61
	Best State*					6.47

\*State (or States) With Lowest Rates: Lowest VMT and Population Rates Could Be in Different States

2007 State Vehicle Miles Traveled (VMT) Data is Currently Not Available. 2007 National VMT is a Preliminary Estimate and Subject to Change

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### Alcohol-Related Fatalities: Kansas , U.S. and Best State (Old Definition)

Year		Total Fatalities in all Crashes	Alcohol-Related Fatalities**				Alcohol-Related Fatalities (BAC = .08+) Per 100 Million VMT
			BAC = .01+		BAC = .08+		
			Number	Percent	Number	Percent	
2003	Kansas	469	199	42	172	37	0.60
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Kansas	459	139	30	115	25	0.39
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Kansas	428	142	33	107	25	0.36
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		13	0.14
2006	Kansas	468	160	34	133	28	0.44
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Kansas	416	146	35	119	29	
	US	41,059	17,036	41	14,575	35	0.49
	Best State*			23		19	

\*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

\*\*Includes BAC of All Involved Drivers, Motorcycle Riders, Pedalcyclists and Pedestrians

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## Alcohol-Impaired Driving Fatalities: Kansas , U.S. and Best State (New Definition)

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)**		Alcohol-Impaired Driving Fatalities (BAC = .08+) Per 100 Million VMT
			Number	Percent	
2003	Kansas	469	166	35	0.58
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Kansas	459	113	25	0.39
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Kansas	428	101	24	0.34
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Kansas	468	125	27	0.41
	US	42,708	13,491	32	0.45
	Best State*			19	0.20
2007	Kansas	416	114	27	
	US	41,059	12,998	32	0.43
	Best State*			17	

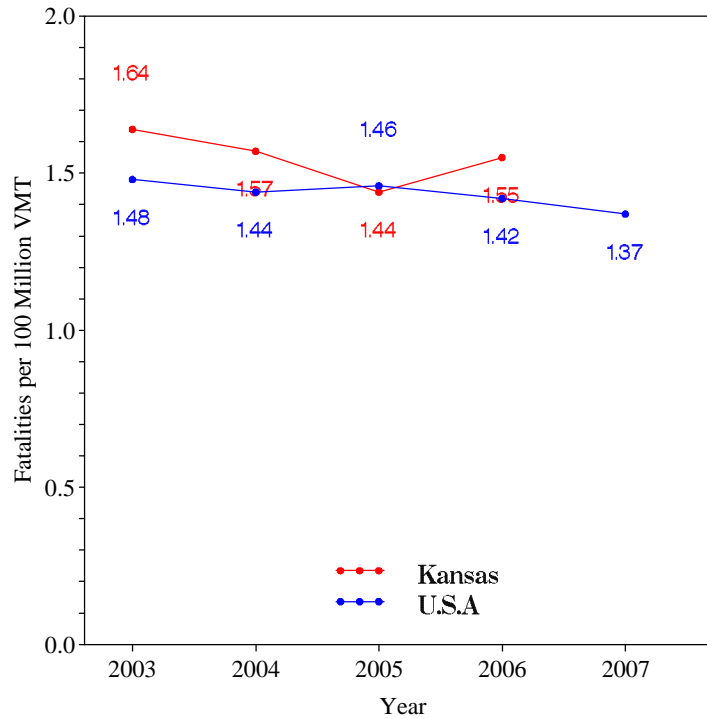
\*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

\*\*Includes BAC of All Involved Drivers and Motorcycle Riders Only

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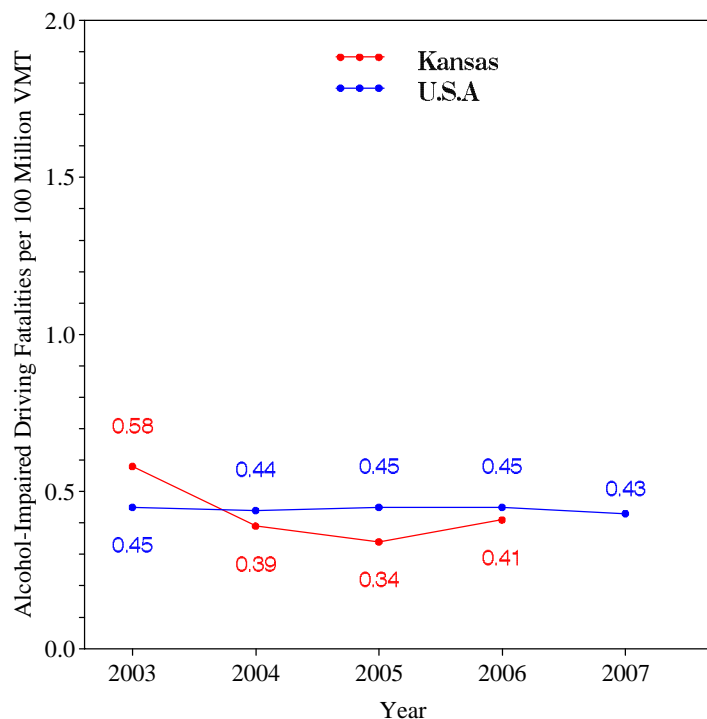


## Fatalities per 100 Million VMT: Kansas and U.S



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## Alcohol-Impaired Driving Fatalities per 100 Million VMT: Kansas and U.S



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## Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Riders (Operators) Involved in Fatal Crashes: Kansas , U.S. and Best State

Year		Surviving Drivers/Motorcycle Riders			Killed Drivers/Motorcycle Riders			Total Drivers/Motorcycle Riders		
		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS	
			Number	Percent		Number	Percent		Number	Percent
2003	Kansas	138	58	42	250	111	44	388	169	44
	US	51,793	12,358	24	32,471	22,718	70	84,264	35,076	42
	Best State*			87			98			89
2004	Kansas	123	62	50	242	137	57	365	199	55
	US	51,440	12,277	24	32,596	21,984	67	84,036	34,261	41
	Best State*			84			97			90
2005	Kansas	111	81	73	244	150	61	355	231	65
	US	51,791	10,963	21	33,288	22,436	67	85,079	33,399	39
	Best State*			89			98			91
2006	Kansas	125	66	53	271	165	61	396	231	58
	US	49,884	11,028	22	32,940	22,531	68	82,824	33,559	41
	Best State*			86			100			87
2007	Kansas	124	64	52	233	141	61	357	205	57
	US	47,786	9,975	21	31,867	20,261	64	79,653	30,236	38
	Best State*			84			97			86

\*State (or States) With Highest Percents: Highest Percents Could Be in Different States

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## Passenger Vehicle Occupant Fatalities by Restraint Use: Kansas , U.S. and Best State

Year		Total Passenger Vehicle Occupant Fatalities	Total Passenger Vehicle Occupant Fatalities Restrained**		Observed Passenger Vehicle Occupant Restraint Use in all Traffic***
		Number	Number	Percent	Percent
2003	Kansas	392	125	32	64
	US	32,271	14,075	44	79
	Best State*			64	95
2004	Kansas	388	146	38	68
	US	31,866	14,225	45	80
	Best State*			68	95
2005	Kansas	342	112	33	69
	US	31,549	14,061	45	82
	Best State*			68	95
2006	Kansas	350	143	41	74
	US	30,686	13,760	45	81
	Best State*			66	96
2007	Kansas	330	140	42	75
	US	28,933	13,306	46	82
	Best State*			64	98

\*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

\*\*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

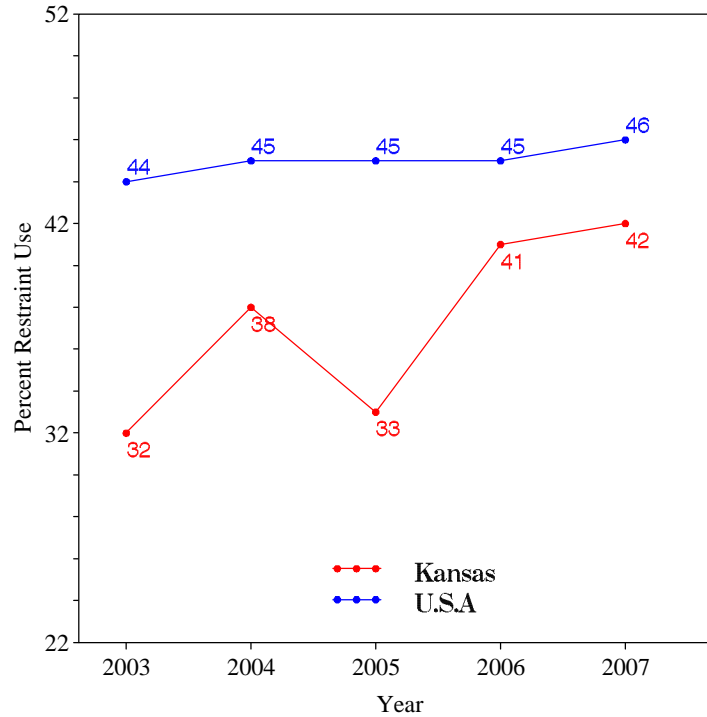
\*\*\*USA Data: National Occupant Protection Use Survey. Kansas Data: State Survey

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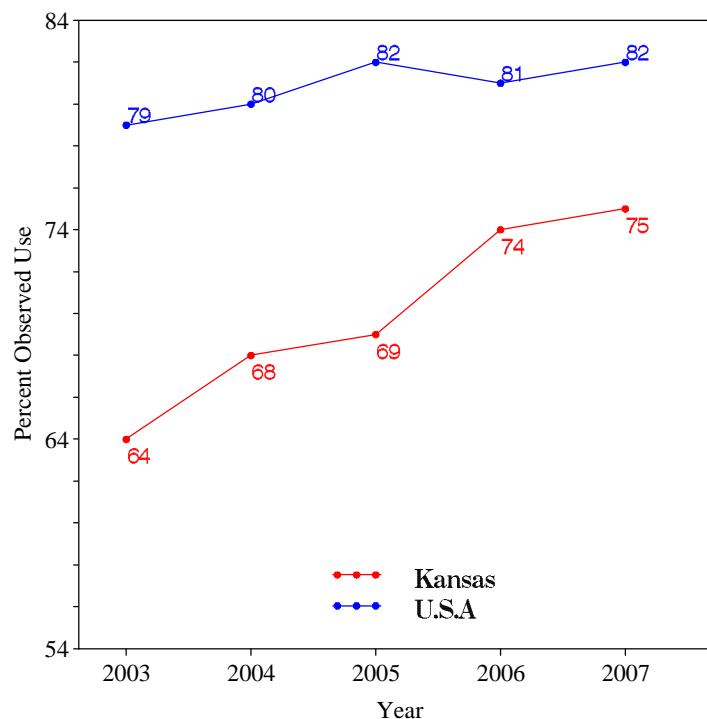


## Passenger Vehicle Occupant Fatalities by Percent Restraint Use: Kansas and U.S



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## Passenger Vehicle Occupants by Percent Restraint Use Observed: Kansas and U.S



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## Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged 5 and Above*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt Use	Potential Additional Lives Savable at 100% Usage
2003	386	119	267	140	113
2004	377	144	233	173	110
2005	339	110	229	135	95
2006	346	139	207	167	93
2007	322	132	190	160	89

\*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

\*\*Lives Saved Estimates

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## Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged Under 5*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt and Child Seat Usage	Potential Additional Lives Savable at 100% Usage
2003	6	5	1	1	1
2004	11	2	9	3	5
2005	3	2	1	2	1
2006	4	4	0	5	0
2007	8	8	0	12	

\*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

\*\*Lives Saved Estimates

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### Motorcyclist Fatalities by Helmet Use and Lives Saved Estimates

Year	Motorcycle Rider Fatalities*			Motorcycle Rider Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Lives Saved at Current Helmet Use	Potential Additional Lives Savable at 100% Usage
2003	31	11	20	7	7
2004	30	9	21	5	8
2005	35	8	27	5	10
2006	64	20	44	12	16
2007	48	13	35	8	13

\*Unknown Helmet Use Was Proportionally Distributed Across Known Helmet Use

\*\*Lives Saved Estimates

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## Fatalities by Person Type

Person Type		2003		2004		2005		2006		2007	
		#	%	#	%	#	%	#	%	#	%
<b>Occupants</b>	<b>Passenger Car</b>	218	16	200	15	168	13	185	14	162	14
	<b>Light Truck - Pickup</b>	87	6	84	6	96	8	82	6	83	7
	<b>Light Truck - Utility</b>	56	4	52	4	49	4	50	4	53	4
	<b>Light Truck - Van</b>	31	2	52	4	29	2	33	2	32	3
	<b>Large Truck</b>	9	1	11	1	11	1	14	1	14	1
	<b>Bus</b>	1	0	1	0	0	0	2	0	0	0
	<b>Other/Unknown Occupants</b>	6	0	5	0	11	1	9	1	2	0
	<b>Total Occupants</b>	408	30	405	30	364	29	375	28	346	29
<b>Motorcyclists</b>	<b>Motorcycle</b>	31	2	30	2	35	3	64	5	48	4
<b>Non-Occupants</b>	<b>Pedestrian</b>	25	2	21	2	24	2	23	2	20	2
	<b>Bicyclist and Other Cyclist</b>	5	0	3	0	4	0	6	0	2	0
	<b>Other/Unknown Non-Occupants</b>	0	0	0	0	1	0	0	0	0	0
	<b>Total Non-Occupants</b>	30	2	24	2	29	2	29	2	22	2
<b>Total</b>	<b>Total</b>	469	34	459	34	428	34	468	35	416	35

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## Fatalities by Crash Type

Crash Type	2003	2004	2005	2006	2007
<b>Total Fatalities (All Crashes)</b>	469	459	428	468	416
<b>- Single Vehicle (1)</b>	245	217	219	257	210
<b>- Involving a Large Truck (2)</b>	71	94	80	69	77
<b>- Involving Speeding (3)</b>	144	123	119	128	112
<b>- Involving a Rollover (4)</b>	187	177	182	173	166
<b>- Involving a Roadway Departure (5)</b>	294	238	242	281	246
<b>- Involving an Intersection (or Intersection related) (6)</b>	99	129	120	134	111

(1) Crash Involved Only One Coded Vehicle

(2) Crash Involved at Least One Large Truck

(3) Crash Involved at Least One Vehicle Speeding

(4) Crash Involved at Least One Vehicle That Rolled Over

(5) Crash Involved at Least One Vehicle That Departed the Roadway (FHWA Definition)

(6) Crash Occured Within an Intersection or Within the Approach to an Intersection

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### Motorcyclist Fatalities by Age

Year	Age						Total
	<20	20-29	30-39	40-49	50-59	>59	
2003	1	9	5	9	5	0	29
2004	3	9	3	5	8	2	30
2005	1	7	7	6	10	3	34
2006	3	13	10	12	12	6	56
2007	5	10	9	11	7	5	47

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### Motorcyclist Fatalities Per 100,000 Registered Motorcycles\*

Year	Motorcyclist Fatalities	Total Motorcycle Registrations	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2003	29	56,356	51.46
2004	30	61,678	48.64
2005	34	66,810	50.89
2006	56	72,072	77.70
2007	47		

\*Data Source: FHWA

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## Top 10 Counties for Fatalities and Fatality Rates

Top 10 Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Sedgwick County	39	8.19
2	Johnson County	29	5.51
3	Wyandotte County	28	18.19
4	Sumner County	13	54.42
5	Butler County	12	19.03
6	Reno County	12	19.00
7	Osage County	11	66.83
8	Finney County	10	26.11
9	Leavenworth County	10	13.59
10	Cherokee County	9	42.18

Median Rate for all U.S. Counties: 20.32

Top 10 Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Kiowa County	4	135.5
2	Gray County	6	106.4
3	Clark County	2	95.51
4	Lincoln County	3	91.32
5	Woodson County	3	90.42
6	Washington County	5	85.62
7	Rawlins County	2	78.19
8	Greeley County	1	77.10
9	Hamilton County	2	75.99
10	Gove County	2	75.84

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## Top 10 Counties for Alcohol-Impaired Driving Fatalities and Alcohol-Impaired Driving Fatality Rates

Top 10 Alcohol-Impaired Driving Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Sedgwick County	17	3.47
2	Wyandotte County	8	5.00
3	Johnson County	7	1.27
4	Cherokee County	4	17.81
5	Seward County	4	16.01
6	Reno County	3	5.23
7	Butler County	3	4.76
8	Doniphan County	3	38.68
9	Ottawa County	3	49.95
10	Sumner County	3	12.56

Median Rate for all U.S. Counties: 5.11

Top 10 Alcohol-Impaired Driving Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Lincoln County	2	70.02
2	Ottawa County	3	49.95
3	Sheridan County	1	40.11
4	Doniphan County	3	38.68
5	Hodgeman County	1	35.51
6	Kiowa County	1	33.86
7	Edwards County	1	32.20
8	Barber County	2	31.34
9	Sherman County	2	30.21
10	Haskell County	1	24.80

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